

Ammonium nitrate powder **10** and aluminum hydroxide powder **39**, both of which are flame-retardant materials, are blended and kneaded with a polymer material **41** which should serve as a matrix, to thereby obtain a compound **531**. A polymer material obtained by molding such compound **531** by a predetermined molding process will have an excellent flame retardancy without being significantly modified in polymer properties thereof as compared with those before the flame-retardant material is compounded.